

Read Me First

HP StorageWorks Enterprise Virtual Array

Product Version: v3.020

Third Edition
July, 2004

Part Number: T3030-99301



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About This Document

This document provides important information needed prior to installing, initializing, and operating the HP StorageWorks Enterprise Virtual Array. This information applies to both the EVA5000 and EVA3000 products.

Getting Help with Installation

An HP authorized service provider will assist with the installation of the HP StorageWorks Enterprise Virtual Array hardware and software components. You should not attempt to install or set up the Enterprise Virtual Array without an HP authorized service provider.

In North America, call HP technical support at 1-800-354-9000. This service is available 24 hours a day, 7 days a week.

Outside North America, call HP technical support at the nearest location. Telephone numbers for worldwide technical support are listed on the HP web site:

<http://www.hp.com/support>

Enterprise Virtual Array Documentation

A complete library of Enterprise Virtual Array technical documentation is available to assist you in the installation and operation of the storage system. A CD containing all user documentation is included with the Enterprise Virtual Array. Most of the documents can also be downloaded from one of the following web sites:

<http://www.hp.com/go/eva3000>

<http://www.hp.com/go/eva5000>

Table 1.1 identifies the various sources of information and where they can be found.

Table 1.1. HP StorageWorks Enterprise Virtual Array Documentation

Document	Location
<i>HP StorageWorks Enterprise Virtual Array Release Notes</i> Includes the latest product and support information, much of which is not covered in other documents. Refer to the Release Notes for any last-minute information before installing and operating your storage system.	On the Web: Click technical documentation .
<i>HP StorageWorks Enterprise Virtual Array User Guide</i> The primary source of information for all aspects of storage system operation.	On the Web: Click technical documentation .
<i>HP StorageWorks Enterprise Virtual Array Quick Specs</i> Provides key product features, support, warranty, and requirement information.	On the Web: Click specifications & warranty .
<i>HP StorageWorks Enterprise Virtual Array Updating Product Software Instructions</i> Contains detailed instructions for upgrading Storage Management Appliance software, Command View EVA software, and the storage system software (which includes VCS).	On the Web: Click technical documentation .
<i>Enterprise Virtual Array World Wide Name Label sheet</i> Contains three adhesive labels identifying the storage system World Wide Name (WWN). Two of the labels are affixed to the storage system cabinet during installation. The WWN is the 16-digit number required to initialize the storage system.	Included with the Enterprise Virtual Array.
<i>System Software for Enterprise Virtual Array Installation Instructions</i> Provides information for installing the Enterprise Virtual Array system software.	On the Web: Click technical documentation .

Software Requirements

The Enterprise Virtual Array requires the following software components. For more information on the storage system software, see the following web site:

<http://h18006.www1.hp.com/storage/evasoftware.html>

Storage Management Appliance Software

The following software must be installed on the HP OpenView Storage Management Appliance that will be used to manage the Enterprise Virtual Array v3.020. This software is required for managing any storage system running VCS v3.020.

- HP OpenView Storage Management Appliance software v2.1
If the appliance software must be upgraded, it will be necessary to order the free Storage Management Appliance software v2.1 update CD from the following web site:
<http://h18000.www1.hp.com/products/sanworks/softwaredrivers/managementappliance/index.html>
- HP StorageWorks Command View EVA v3.2
The storage system will not operate with earlier versions of Command View EVA.

Storage System Software

The HP System Software for Enterprise Virtual Array v3.020 must be installed on the Enterprise Virtual Array. This software is preinstalled on each new storage system. It should not be necessary to reinstall it.

Software Installation

If the required versions of software are not installed, they must be installed in the following order.

1. HP OpenView Storage Management Appliance Software v2.1. Instructions for installing the Storage Management Appliance software are included with the software.
2. HP StorageWorks Command View EVA v3.2. Command View EVA is included with HP OpenView Storage Operations Manager v1.1. Instructions for installing Command View EVA are included with the software.
3. HP System Software for Enterprise Virtual Array v3.020. This software is preinstalled on each Enterprise Virtual Array. It should not be necessary to reinstall it. If it is necessary to reinstall the system software, it is included in the appropriate media kit:
 - VCS Media Kit v3.0a for Dual HSV100 Controllers (EVA3000)
 - VCS Media Kit v3.0c for Dual HSV110 Controllers (EVA5000)

Associated Documentation

In addition to the documentation listed in [Table 1.1](#), the following documentation will be useful when installing and operating the storage system.

Table 1.2. HP StorageWorks Command View EVA documentation

Document title	Part number
HP StorageWorks Command View EVA Getting Started Guide	AA-RQZBF-TE
HP StorageWorks Command View EVA Release Notes	AA-RT6YF-TE
HP StorageWorks Storage System Scripting Utility	AA-RU5HC-TE
HP OpenView Storage Operations Manager Overview	T2538-88101

Table 1.3. HP OpenView Storage Management Appliance documentation

Document title	Part number
HP OpenView Storage Management Appliance Software Customer Letter	AV-RTY4B-TE
HP OpenView Storage Management Appliance Software Update Installation Instructions	AV-RNE9K-TE
HP OpenView Storage Management Appliance Software Release Notes	AA-RNEAL-TE
HP OpenView Storage Management Appliance Software User Guide	AA-RSOAD-TE

Note

VCS 3.020 requires v3.0e of the operating system platform kits. The operating system platform kits and associated documentation listed in Table 1.4 can be downloaded from the following web site:

<http://www.hp.com/storage/evaplatformkit>

Table 1.4. Operating system platform kit documentation

Document Title	Part Number
HP StorageWorks HP-UX Kit v3.0b for Enterprise Virtual Array Installation and Configuration Guide	AA-RUHKB-TE
HP StorageWorks HP-UX Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUHND-TE
HP StorageWorks IBM AIX Kit v3.0b for Enterprise Virtual Array Installation and Configuration Guide	AA-RUHAB-TE
HP StorageWorks IBM AIX Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUHDD-TE
HP StorageWorks OpenVMS Kit v3.0e for Enterprise Virtual Array Installation and Configuration Guide	AA-RUGUC-TE
HP StorageWorks OpenVMS Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUGXD-TE
HP StorageWorks Sun Solaris Kit v3.0b for Enterprise Virtual Array Installation and Configuration Guide	AA-RUH4B-TE
HP StorageWorks Sun Solaris Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUH7E-TE
HP StorageWorks Tru64 Kit v3.0b for Enterprise Virtual Array Installation and Configuration Guide	AA-RUGPB-TE
HP StorageWorks Tru64 Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUGSD-TE
HP StorageWorks Windows (Windows® is a U.S. registered trademark of Microsoft Corporation.) Kit v3.0b for Enterprise Virtual Array Installation and Configuration Guide	AA-RUGZB-TE
HP StorageWorks Windows Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUH2D-TE
HP StorageWorks Linux Kit v3.0e for Enterprise Virtual Array Installation and Configuration Guide	AA-RUHVD-TE
HP StorageWorks Linux Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUHYF-TE
HP StorageWorks Novel NetWare Kit v3.0c for Enterprise Virtual Array Installation and Configuration Guide	AA-RUHQB-TE
HP StorageWorks Novel NetWare Kit v3.0e for Enterprise Virtual Array Release Notes	AV-RUHTD-TE